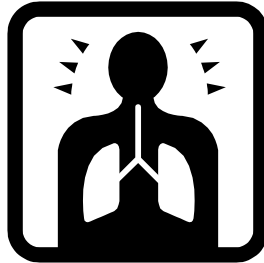


Name _____

The Respiratory System – Internet Activity Answer Sheet



Part 1:

Define / describe the following:

1. Respiration –
2. Breathing –
3. Cells –
4. Lungs –
5. Diaphragm –
6. Aerobic respiration –
7. Gas –

Part 2:

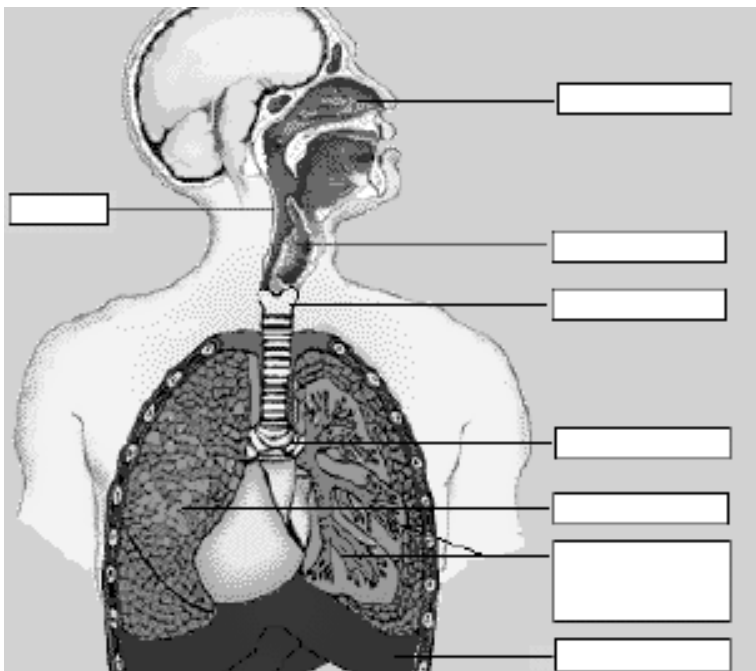
8. Describe the function(s) of the respiratory system –

9. List the major organs of the respiratory system –

Part 3:

10. Define organ:

Label each part of the Respiratory System (11 – 18):



Organ Functions:

19. Nasal cavity -

20. Pharynx -

21. Larynx -

22. Trachea -

23. Bronchi –

24. Bronchioles & alveoli –

25. Diaphragm –

Part 4:

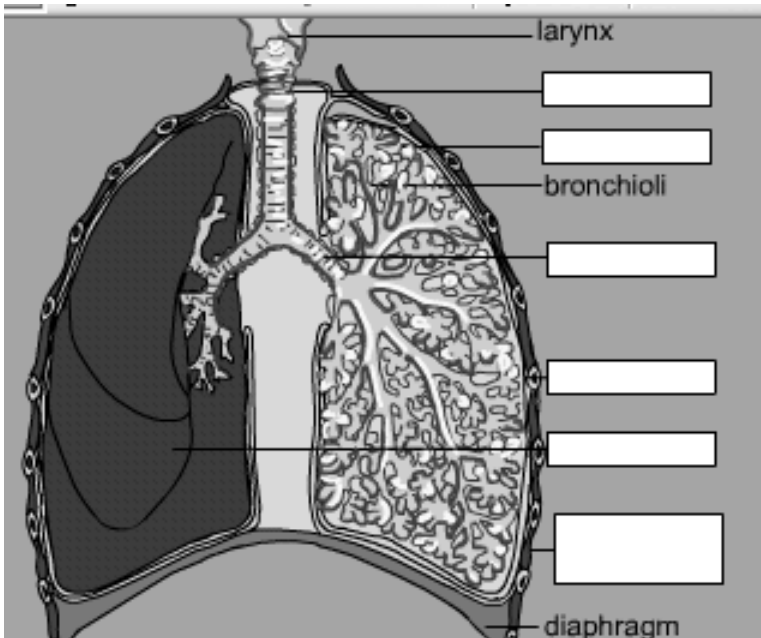
26. What are cilia?

27. What is a ciliated cell?

28. What is the function of ciliated epithelium cells?

Part 5:

Label the parts (29 – 34):



Define the following:

35. Deoxygenated blood –

36. Why are there so many air sacs?

Part 6:

Fill in the blanks (37 – 42) :

We need a gas called _____ to keep us alive. This gas comes from the _____ we breathe in. We breathe out _____ and water vapour from the _____. This process of letting gases in and out is called _____. The important gas we need is used in the process of cellular _____. Gases are exchanged in the tissues of the body, this is known as _____.

Part 7:

43. Describe gas exchange in the **lungs** and in the **tissues**:

Part 8:

43. Describe what happens when we inhale:

44. Describe what happens when we exhale:

Part 9 – Summary:

45. Describe the path air takes when we breathe in –

46. Why do we have cilia?

47. What happens to oxygen and carbon dioxide in the alveoli?

48. What is the purpose of the capillaries around the alveoli?

49. What is the purpose of the water in the alveoli?

50. What is the difference between inhalation and exhalation?

51. What controls lung movement?

52. Why is cigarette smoke so dangerous?